

REMARKS

Claims 1, 3-8, 12-13 and 15-18 are pending in the application.

Claim 18 is amended above to clearly set forth what the Applicant regards as the invention. Claim 18 is also amended above to correct several typographical errors.

I. THE DRAWING OBJECTION

The examiner objected to the drawings for failing to show the “application of the complex weight” as stated in claim 18.

The examiner’s objection is moot in view of the amendments to claim 18 above. In particular, claim 18 is amended to clarify that it is the modulator adapted to apply complex weight to the component signals and further identifying the orientation of the modulator with respect to other apparatus elements.

II. THE SECTION 112 AND SECTION 101 REJECTIONS

The examiner rejected claim 18 under the first and second paragraphs of 35 USC §112 and under 35 USC §101.

The examiner’s rejections are overcome by amending claim 18 as discussed in section I above.

CONCLUSION

Claims 1, 3-8, 12-13 and 15-18 are ready for patenting for the reasons recited above. Favorable consideration and allowance of this application is, therefore, courteously solicited.

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